

20000131.qrp v01_n717.qrl.20000131

Date: Mon, 31 Jan 2000 19:03:06 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1717

QRP-L Digest 1717

Topics covered in this issue include:

- 1) [61684] Re: HB:30 meters
by Curt Milton <wb8yyy@yahoo.com>
- 2) [61685] RSGB 160m contest
by "Bob Tellefsen" <n6wg@earthlink.net>
- 3) [61686] Re: KENWOOD 570 AND TUNING AN AMP
by Ray Colbert <af852@rgfn.epcc.edu>
- 4) [61687] MFJ269
by Philip L Carter <pcarter@gcfn.org>
- 5) [61688] Distorted CW from bugs
by "Graeme Zimmer" <gzimmer@bigpond.com>
- 6) [61689] Re: MFJ - 259
by Stan Yarema <bg783@scn.org>
- 7) [61690] FS: Icom Receiver
by Joel Malman <malman@world.std.com>
- 8) [61691] Re: KENWOOD 570 AND TUNING AN AMP
by Monte Stark <ku7y@dri.edu>
- 9) [61692] Re: KENWOOD 570 AND TUNING AN AMP
by Dick Carroll <dixie@townsqsr.com>
- 10) [61693] MFJ 259
by Richard R Riordan <mrzip@sssnet.com>
- 11) [61694] Re: Distorted CW from bugs
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 12) [61695] Re: Distorted CW from bugs
by Nv4t@aol.com
- 13) [61696] Re: Distorted CW from bugs
by Monte Stark <ku7y@dri.edu>
- 14) [61697] wow! QRQ NET MADNESS OR FUN?
by Ed Loranger <we6w@netzero.net>
- 15) [61698] Re: Distorted CW from bugs
by "Michael L. Evans" <mlevans@mail.utexas.edu>
- 16) [61699] New Antenna at the qth.
by Ed Loranger <we6w@netzero.net>
- 17) [61700] Autek Research VA1 or RF5Users?
by "Tom Scott" <tscott@eni.net>
- 18) [61701] Re: Distorted CW from bugs
by AdamN7YA@aol.com
- 19) [61702] Re: Distorted CW

- by w4pj@w4bkx.ampr.org
- 20) [61703] Re: Construction practices
by "Leon Heller" <leon_heller@hotmail.com>
 - 21) [61704] cutting pcb material
by Jim/Julia <w7ls@blarg.net>
 - 22) [61705] Re: KENWOOD 570 AND TUNING AN AMP
by Dave Fifield <fifield@pacbell.net>
 - 23) [61706] KITS: kit builder request
by "David Benson" <nn1g@earthlink.net>
 - 24) [61707] Re: Distorted CW from bugs
by Bruce Muscolino <w6toy@erols.com>
 - 25) [61708] Re: Distorted CW from bugs
by Brian <brian@iquest.net>
 - 26) [61709] ATU SWR bridge destruction continued
by Nils R Young <nilsbull@juno.com>
 - 27) [61710] HW-7 improvement
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
 - 28) [61711] KITS: builder request oops
by "David Benson" <nn1g@earthlink.net>
 - 29) [61712] Re: [Elecraft] Fox: Groundhog's Day
by "Paul Helbert, Wv3j" <phelbert@rica.net>
 - 30) [61713] Re: Nice Morning
by "Dan W. Dooley" <dandooley@pipeline.com>
 - 31) [61714] FYBO & HYPOTHERMIA
by ARDUJENSKI@aol.com
 - 32) [61715] IC tone generator!
by Kleibe Jacinto de Araujo <kleibe@anatel.gov.br>
 - 33) [61716] FYBO & Phone
by Roger Hightower <n7kt@earthlink.net>
 - 34) [61717] Efficiency / dB / Percentage (the arithmetic)
by John R Kirby <n3aaz-qrp@juno.com>
 - 35) [61718] Re: IC tone generator!
by John R Kirby <n3aaz-qrp@juno.com>
 - 36) [61719] Re: Fox: Groundhog's Day
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
 - 37) [61720] Re: Distorted CW from bugs & FoxHunt
by "Franco, Nicholas J" <franco@bnl.gov>
 - 38) [61721] Re: Distorted CW from bugs & FoxHunt
by "Pastor-kc1di" <ELBC@PIVOT.NET>
 - 39) [61722] Re: Distorted CW from bugs
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
 - 40) [61723] Re: Distorted CW from bugs
by Dick Carroll <dixie@townsqsr.com>
 - 41) [61724] OT Magnetic Headphones
by Thomas Upton <stjohn@ocsnet.net>
 - 42) [61725] XCVR: packing an Altoids tin VERY FULL
by Allan G Taylor <agtaylor@llnl.gov>
 - 43) [61726] Matching Subject to the text Re: cutting pcb material

by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
44) [61727] A Word about CW Nets, gear, musings...
by Ed Loranger <we6w@qsl.net>
45) [61728] Re: HB: KR5L CW Tone Decoder; 3-t 10K pots needed for RH40/NC20
by Allan G Taylor <agtaylor@llnl.gov>
46) [61729] Re: Autek Research VA1 or RF5Users?
by "Bob Tellefsen" <n6wg@earthlink.net>
47) [61730] Re:Perfect CW and other fantasies
by REDSBOY@aol.com
48) [61731] Re: HW-7 improvement
by gsurrency@juno.com
49) [61732] Re: KENWOOD 570 AND TUNING AN AMP
by gsurrency@juno.com
50) [61733] Re: Distorted CW from bugs
by "Michael L. Evans" <mlevans@mail.utexas.edu>
51) [61734] Re: Voice
by Roger Hightower <n7kt@earthlink.net>
52) [61735] Re: Fox: Groundhog's Day (Date Correction)
by "Paul Helbert, Wv3j" <phelbert@rica.net>
53) [61736] HB: Cutting Ferrite Rods
by Wa3ptg@aol.com
54) [61737] dis-oriented bugs...And Kit Building... or I don't copy cw too
good...
by hamjoel@juno.com
55) [61738] Good CW/Bad CW
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
56) [61739] OT : QST magazine Feb. issue ?
by KF4EIB@aol.com
57) [61740] Re: Good CW/Bad CW
by Bill Jones <kd7s@psnw.com>
58) [61741] Breadboarding teeny-weeny chips...
by hattonte@gdls.com
59) [61742] RE: dis-oriented bugs...
by "Morrow, Michael A." <mamorrow@tva.gov>
60) [61743] WTB (or trade for) QST on CD
by n2go@arrl.net
61) [61744] Re: Good CW/Bad CW
by Monte Stark <ku7y@dri.edu>
62) [61745] Need help with DK9SQ antenna loop
by "Paul Helbert, Wv3j" <phelbert@rica.net>
63) [61746] QRP CW
by Richard Matthews <prm@hiwaay.net>
64) [61747] Shack Cleaning
by Ed Kessler <edkess@epix.net>
65) [61748] Poque Plus
by Monte Stark <ku7y@dri.edu>
66) [61749] Hand Generator form Maggellan's
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>

- 67) [61750] Re: MFJ - 259
by "Jade Products, Inc." <jadepro@jadeprod.com>
68) [61751] Re: Poque Plus
by Roger Hightower <n7kt@earthlink.net>
69) [61752] Re: Shack Cleaning
by Michael Melland <badger@vbe.com>

Date: Sun, 30 Jan 2000 16:01:40 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Wa3ptg@aol.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61684] Re: HB:30 meters
Message-ID: <20000131000140.19544.qmail@web2005.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I would definitely look at the Norcal page, and download the schematic to the 38 special. This is no longer available in kit form, but it could be duplicated homebrew. I would at least get some ideas from the ingenuity - and for 30m i find the VX0 to be a good approach since it easily covers half of the band - and most 30m activity is below 10.130 anyway. Also many 40m rig designs could be modified for 30m. My 40m QRP rig is a homebrew "Ugly Weekender" which was published in QST - the xmtr and rcvr part were each published separately. This is a VFO based, direct conversion rig. Let me know if you need help finding any of these.

Curt WB8YYY

--- Wa3ptg@aol.com wrote:

> OK.
> Here's another troll.
>
> I'm looking for plans for simple homebrew equipment
> for 30 meters. The key
> word here is homebrew. I don't want a kit, I don't
> want commercial
> equipment. I have the W1FB books, and most of the
> stuff on the web. Haven't
> seen any magazines except the first NJQRP
> Homebrewer.
>
> To sum up: simple...homebrew...30 meters.

>
> Email me direct, I'll post a summary. Thanks.
>
>
> Soon to be on 80 meters!
> 72 DE WA3PTG
> Harry (Hap) Hurst
> Wilmington DE
>

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Sun, 30 Jan 2000 16:18:49 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [61685] RSGB 160m contest
Message-ID: <01bf6b80\$bf03b3a0\$a6d7fc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Now that I have the CQ WW contest period cleared up, rules from wrong year posted !!

I see the RSGB has their contest set for

RSGB 1.8 MHz Contest, CW 2100Z, Feb 12 - 0100Z, Feb 13

Is there any observance of this contest over here? I enjoyed my taste of 160m contesting, and I'm looking for more.

73, Bob N6WG

Date: Sun, 30 Jan 2000 17:49:55 -0700
From: Ray Colbert <af852@rgfn.epcc.edu>
To: qrp-1@lehigh.edu
Subject: [61686] Re: KENWOOD 570 AND TUNING AN AMP
Message-ID: <3894DC33.E5B07016@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

One of the characteristics of a good cw operator, besides patience and courtesy is the ability to read cw sent by means other than machine generated. I would suppose that the attitude of "no bugs" also means no straight keys, or other types of hand sent cw; sorry to hear you feel that way - I guess I don't need VE9 for any award.

--

"The more I see of the representatives of the people, the more I admire my dogs."

letter from Count d'Orsay to John Foster 1850

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NARTE-NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Sun, 30 Jan 2000 20:06:47 -0500 (EST)
From: Philip L Carter <pcarter@gcfn.org>
To: QRP-L MAILING LIST <qrp-l@lehigh.edu>
Subject: [61687] MFJ269
Message-ID: <Pine.3.07.10001302047.A26338-81000000@acme>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

By the way gang... the 269 is out now. Adds UHF. I have had one for about 3 weeks and I love it.

NRE/COLE Test Center OH-3
pcarter@gcfn.org or wd8qwr@arrl.net
Philip L. Carter, WD8QWR
wd8qwr@w8cqk.#cmh.oh.usa.na

Date: Mon, 31 Jan 2000 12:19:11 +1100
From: "Graeme Zimmer" <gzimmer@bigpond.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [61688] Distorted CW from bugs
Message-ID: <002001bf6b89\$30c0da60\$585b868b@zimsllaptop>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This thread was originally KENWOOD 570 AND TUNING AN AMP
earlier I responded to Ray directly
but I've been mulling over this and think it is rather important

> One of the characteristics of a good cw operator,
> besides patience and courtesy is the ability
> to read cw sent by means other than machine generated.
> I would suppose that the attitude of "no bugs" also
> means no straight keys, or other types of hand sent cw;
> sorry to hear you feel that way - I guess I don't need VE9
> for any award.

I feel that there are lots of beginners who totally despair at trying to
copy the weird CW we often hear around the bands....

There seems to be an attitude amongst some OT's that extremely distorted
Morse is "good" and that anyone who complains is a weakling....

I would love to see all CW opps have to take a "reality check" from time to
time and transmit into a CW computer program which displays how far their
sending has diverged from standard CW.

If more of us made it a policy of not working experienced stations who
sent "beginner unfriendly" CW, then we might begin to clean this mess up....

And, yes, sadly much of this mangled CW does come from bug users....

If beginners had a hope of getting on the air using a computer program to
receive CW, then I figure that there would be a whole lot more CW around !

Perhaps this is one of the reasons that PSK31 is becoming so popular...

Comments?

..... Zim VK3GJZ

Date: Sun, 30 Jan 2000 18:01:11 -0800 (PST)
From: Stan Yarema <bg783@scn.org>
To: Thomas Isgro <k8cz@concentric.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [61689] Re: MFJ - 259
Message-ID: <Pine.SUN.3.96.1000130174912.19610B-100000@scn>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

The MJF-259 has many other uses besides antenna work. I've used them for finding/verifying LPF and HPF cutoff frequencies, checking the input match of RF circuits and checking how broadbanded your RF transformers really are.

To check LPF, HPF and transformers just terminate them in 50 ohms and see if and where the input looks like 50 ohms. In fact you can just test a toroidal transformer to see what the mystery core material is by looking at the high and low frequency cut-offs.

Big, low freq. antennas can be difficult to check if you have strong AM broadcast stations around. The received RF can exceed the output of the bridge. You'll never get a dip. One solution is to use a high pass filter in line. Works for an 80m antenna at least. It's near impossible to build one that's effective and doesn't get into the measurement on 160m, though. My solution was to build a similar bridge with more output. It comes in handy as a backup QRP rig as well.

72 Stan, K7SY

186,000 miles per second -- not just a good idea -- its the law.

Date: Sun, 30 Jan 2000 21:27:13 -0500 (EST)
From: Joel Malman <malman@world.std.com>
To: qrp-l@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [61690] FS: Icom Receiver
Message-ID: <200001310227.VAA11394@world.std.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale:

ICOM IC-R10 Handheld General coverage Receiver
=====

.5 MHz --> 1300 MHz (Cell phone blocked).
RX: FM (narrow and wide), USB, LSB, AM and CW
(I usually monitor the 6meter calling frequency...)
1200 memories, EASY programming mode, sleep timer,
scanning, Priority channel, PC Controllable (software
and cable provided)... More options than you shake a
stick at. EX condition.

Comes with: 4 Ni-Cads (700mAh each), charger, Antenna
(BNC connector), Leather case, manual, Icom Box.

Price: \$175.00 Shipped to CONUS USA Address. List
price: \$641.00 ... Current HRO price \$360.00 (see
HRO Winter Catalog, page 11)

--

/joel K1QM (K1 Queen Mary) Concord, Massachusetts
QRP-L 337, QRP-ARCI 9305, MI-QRP 1641, NorCal #1884

Date: Sun, 30 Jan 2000 19:28:01 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Richard Williams <richard.a.williams@attcanada.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61691] Re: KENWOOD 570 AND TUNING AN AMP
Message-ID: <Pine.GS0.4.10.10001301925290.17354-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 30 Jan 2000, Richard Williams wrote:

> I was right, there's no good reason to use a bug and I
> refuse to answer buggers when they call me. Rick, VE9HF.

Tis your loss Rick,

Bugs take more skill than electronic keyers, both to
send and copy.

But I fail to see how condemning those with the extra skills
will make anything better.

I'll answer anyone who takes the time to call me. If I have
a hard time understanding what they are sending I'll work
on MY skills!

OK, back in my hole....

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Sun, 30 Jan 2000 21:30:13 -0800
From: Dick Carroll <dixie@townsqr.com>
To: dandoooley@pipeline.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [61692] Re: KENWOOD 570 AND TUNING AN AMP
Message-ID: <38951DE5.8E86CC2C@townsqr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dan W. Dooley wrote:

> I still want a bug. To use? Probably not. I just think they're cool
> looking.

Dan, if you like CW, buy a bug and don't learn to use it, shame on you. It's not rocket science. Just learn how to adjust it - Very important, and the info is available on the net, then learn how to USE it. Not hard, just take your time and don't think you have to try to go too fast. You'll be glad you did.

73, Dick W0EX

Date: Sun, 30 Jan 2000 22:32:13 -0500
From: Richard R Riordan <mrzip@sssnnet.com>
To: qrp-1@Lehigh.EDU
Subject: [61693] MFJ 259
Message-ID: <3895023D.7E4C@sssnnet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang!

Just want to thank every one that took the time to answer my question about the MFJ 259. Thanks again. This site has no equal.

Dick - W8RAD

Date: Sun, 30 Jan 2000 21:58:42 -0600
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: <gzimmer@bigpond.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [61694] Re: Distorted CW from bugs
Message-ID: <001301bf6b9f\$77d3bb00\$215c32cf@tcac.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>
> Comments?
>

Yep ...

I don't refuse to respond to anyone who calls me. I *am*
sometimes selective about which CQ's I answer, though.

I wouldn't hazard a guess at what percentage of bad CW comes
from bugs. Some does, for sure. Also some comes from
keyers. It's just as easy to send CQ as NN MET on a keyer
as it is on a bug.

Sometimes imperfect CW comes from elderly hams that are
losing some dexterity and perhaps getting some palsy.
Sometimes when one of these guys answers me, I hear his
pained sending and I slow down. Then when he tells his age,
I realize that the QRS was probably not necessary.

I've heard straight key sending at 20 wpm that's
indistinguishable from good keyer sending. I don't know how
those guys do it though. The J-38 is murder on my arm.

I'd never go back to my bug or straight key, but sometimes
I'm nostalgic for that personal sound that my bug gave. It
allowed one to have a "tone of voice" on CW. It doesn't
bother me that a computer couldn't copy it, as long as
people could. I do agree that practicing sending into a
computer copier is good practice though.

In natural spoken communication, people don't obey the rules
of pronunciation and they run words together. If they
didn't, they'd sound like those mechanical voice

synthesizers. Remember Max Headroom? I'm glad that CW has developed into a natural language complete with slang and offbeat usage. It wouldn't be as much fun otherwise.

72 and dit dit (That's not "I" and it's not "EE", it's just a rhythmic way of saying so long.)

Nick, WA5BDU
in Arkansas

Date: Sun, 30 Jan 2000 23:12:42 EST
From: Nv4t@aol.com
To: nkennedy@tcainternet.com, qrp-1@lehigh.edu
Subject: [61695] Re: Distorted CW from bugs
Message-ID: <c8.b0c5cd.25c665ba@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I consider decent bur sending to very similar to an accent, like ya'll or youse guys. Adnittedly a bad "lake Erie swing " isn't fun to copy, but with practice(and maybe slowing the bug down a bit one can learn to send excellent code- better than my typing for sure!!

73 Ya'll

NV4T expatriate Pennsylvtuckian

Date: Sun, 30 Jan 2000 20:18:11 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [61696] Re: Distorted CW from bugs
Message-ID: <Pine.GS0.4.10.10001301947050.17354-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Very interesting topic.....

First, let me clear up one thing that I feel far too many people seem to think....

All people who use bugs don't send bad CW and all people who use electronic keyers don't send good CW.

I hear what I'd guess to be about 90% of the people using hand keys sending very POOR CW.

Hand sending of CW, using anything less than some electronic type of equipment, is nothing but an art form. It has much in common with music.

A keyer does NOT make good sending out of poor sending. No matter which method you chose to use, it takes a LOT of time to get good.

After getting past the first basic lessons, the time is best spent chatting with people on the air. Only then do you learn how to really copy CW.

To say that using hand sent CW will scare away new hams is just so much BS! That is all there used to be and we managed to survive. AND most of us learned how to copy almost anything that was sent.

Why are we developing this lean to "instant skills"? What is wrong with having to work a little to learn something?

(Ok, so I realize that CW is lost and that these chats are just so much frustration. The whiners are winning and I'll be glad to not be here to see just what a mess it will soon be, but that's not a topic for here!).

Now we hear far too much about people who just live on the computers using some CW sending program to learn only ONE style of CW. And most do NOT learn to send at the same time.

One thing I have NEVER heard here is that many OT's think that bad CW is good CW.

That's just another bunch of BS.

What has been said is that copying CW is a skill and if you hear someone sending poorly with a bug and you can't copy them, ask yourself this.....how about the person they are chatting with? How come they can copy and you can't? That's called SKILL. One has it and one doesn't. Simple fact.

And that is NOT trying to justify poor sending. It's just

pointing out a simple fact that the more copying skills that a person has, the more people they can copy.

Those who don't feel like working on their skills will never be able to copy "poor" CW. And you will miss many fantastic QSOs from folks who have had things like stroke's and etc that keep them from sending this "perfect" CW that some seem to think is needed!

I think that everyone likes to hear a good "fist", be it from a hand key, bug or keyer.

I'd like to have everyone that feels or that has said that bad CW is good, to please post and let us know you are out there! Heck, I'll even grab one of my bugs and give you a good workout! You gotta be GOOD to copy me using a bug! :-)

I just don't think that there will be much mail defending how nice BADLY sent CW is.

How do you define BAD CW? Hmmmmm, maybe I'd say that it's anything I can't copy! :-)

We should be able to say that GOOD CW would use the 3 to 1 spacing as called for in it's definition. But they all those who cry "Farnsworth" would be left out! And make no bones about it....as soon as you play with the spacing and timing of CW, you are no longer sending GOOD CW!

So most of this GOOD/BAD finger pointing winds up just being a bit like "Don't use any antenna better than mine or it's not REAL QRP". Oh well, we have also been there before too!

:-)

Sending test?? Oh, I'd LOVE to see that! I'd also LOVE to see retesting every few years.

Wow, I can see the whiners crying about that one already!

For those who have bugs or want one, get one, hook it up to something that makes noise. Learn how to adjust it. Much good info is on the WEB.

Then learn to send with it. Read a magazine (The QQ of course!) while sending....that kills two birds with one stone.

Hook the bug up to the computer and see if you can get a program to "read" what you are sending. And YES, computer CW reading programs will copy well sent CW no mater if it's comming from a bug or handkey.

As your skills improve, listen for bug users. Find one that sounds like you can copy OK and chat with them using your bug. It's like opening a whole new window to the hobby.

It's kinda like using an old flintlock while everyone else is using a 7mm Mag. But the deer isn't going to know which one it was that hit him! :-)

OK, back in my hole....

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Sun, 30 Jan 2000 20:22:09 -0800
From: Ed Loranger <we6w@netzero.net>
To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>, Randy Foltz <rfoltz@turbonet.com>, Ben <BenNW7DX@aol.com>
Subject: [61697] wow! QRQ NET MADNESS OR FUN?
Message-ID: <38950DF0.5864D58B@netzero.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang, I wish we could say the code flowed like butter off a hot knife, but it used to NOT flow; at these speeds anyway.

The QRQ Low-end net had one check-in who happened upon my practice sending at 22 wpm. Len in Helena Montana didn't have time for the net but gave a great 599 report both ways.

And that is the end of the 6 PM Low-end practice net. The 7 PM (PST) net on 7039 KHz has been a bigger draw. Tonight we had NW7DX/BEN, K7TQ/Randy, N6MX/Ben and myself of course.

N6MX had to run but the conditions were great the first 35 minutes. We lost Randy to QSB but he was hitting about 32 to 34 WPM when the band dropped. Ben and I had path going so we stuck to it and got past 45 WPM. I pulled the plug when 50 WPM was only about 40 % good. but I hit 48 WPM with about 90% good keying.

Ben says "You usually hear these speeds only on keyboards!" Har! Hee! What a gas!

Time to wind down. Hope to see some more checkins next Sunday at 7 PM, 7039 KHz (0200Z Monday UTC).

Next Saturday, 7039 KHz at 9:00 AM PST is also my turn at NCS for the WSN-40 Net. Come share your latest news and what-not over morning coffee with the regulars. Typical net runs 1 hour with 11 check-ins.

72/Ed we6w

--

72/Ed we6w; AR Millennium Q's=>2479/2000 A-1 OP
<http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI#64 ARCI#9397 ARS#275 QRPL#1068 NC#2227

NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
<http://www.netzero.net/download/index.html>

Date: Sun, 30 Jan 2000 22:33:34 -0600
From: "Michael L. Evans" <mlevans@mail.utexas.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [61698] Re: Distorted CW from bugs
Message-ID: <3.0.5.32.20000130223334.007f16f0@mail.utexas.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've never posted before, but couldn't resist this one. One night somewhere out in the Pacific in WWII on a command ship called USS Appalachian, my Grandfather decided to try a bug for the first time. He said "Man, every time I tried it, they would immediately break in - Negative! Stop! Cannot copy a bug!". They knew exactly what he was using and some of the radio ops

just hated it!

72/73
KD5AAD

Date: Sun, 30 Jan 2000 20:39:05 -0800
From: Ed Loranger <we6w@netzero.net>
To: Low Power Amateru Radio Discussion <qrp-1@lehigh.edu>
Subject: [61699] New Antenna at the qth.
Message-ID: <389511E9.3C3E0DFD@netzero.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The folded dipole helped me land the NY Fox Thursday. Saturday
it go the makeover.

I found the as configured, the antenna was resonant at 7.3 MHz.
Whoops! So much for quick antennas 1/2 hour before
the hunt. :)

I dropped the antenna down to about 15 feet and after straightening
with the inclusion of 1 foot spacers at each end, I got it to
dip on the GDO at 7.040 MHz or so +/- 10 KHz. Close enuf.

Sigs are way up here and I'm getting better reports these last
2 days. Life is good. What's cool is that even 300 Ohm
twinlead is a breeze to dip. Just short out each end and hang
it by strings at each end. Dip it with the GDO. Or short
the far end and feed the other with the antenna analyzer
checking for minimum "Z" -- that's the resonant frequency.

Find the center and feed it, the end are shorted of course.

I've done this before to make standard resonant dipoles,
but you have to remove the second wire after resonanting
and you end up with two antennas cut for the band. Use
regular wire tho, only a nut would cut 300 ohm twinlead
in half down the middle :)

I'll use something else for the other bands. 72/Ed we6w

--

72/Ed we6w; AR Millennium Q's=>2479/2000 A-1 OP
<http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI#64 ARCI#9397 ARS#275 QRPL#1068 NC#2227

NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
<http://www.netzero.net/download/index.html>

Date: Sun, 30 Jan 2000 23:02:18 -0800
From: "Tom Scott" <tscott@eni.net>
To: "'qrp-l Reflector'" <qrp-l@Lehigh.EDU>, "'Antennas Reflector List'"
<antennas@qth.net>
Subject: [61700] Auttek Research VA1 or RF5Users?
Message-ID: <000401bf6bb9\$23359860\$95105c0a@wyle.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Has anyone out there used an Auttek Research VA1 or RF5?

Any comments on quality, customer service, comparisons to MFJ259B, etc.

I've heard from lots of folks that use the 259, but the only Auttek analyzer
users I've talked with have had the RF1.

Just curious. About to plunk down some cash on a tight budget. Looking for
some warm fuzzy I guess. (hi)

Thanks for the bandwidth!

73

- Tom

?Tom Scott - Wyle Electronics - KD7DMH
10300 SW Nimbus Ave #PB, Portland, OR 97223
503-603-1931 - Tel 503-684-6620 - Fax
503-703-2032 - Cell

Date: Mon, 31 Jan 2000 02:08:02 EST
From: AdamN7YA@aol.com

To: qrp-1@lehigh.edu
Subject: [61701] Re: Distorted CW from bugs
Message-ID: <ea.1574dca.25c68ed2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 1/30/2000 8:21:11 PM Pacific Standard Time, ku7y@dri.edu writes:

<< To say that using hand sent CW will scare away new hams is just so much BS! That is all there used to be and we managed to survive. AND most of us learned how to copy almost anything that was sent.

Why are we developing this lean to "instant skills"? What is wrong with having to work a little to learn something? >>

I wasn't going to add to this but as soon as I said that to myself I knew I probably would. My take on this is pretty much what Ron said...I NEVER complain about how a person's sending is...NEVER! I simply just don't care as much about that as I do with making a contact. I'll deal with figuring out what he is saying if it is REALLY tough, but if I get the basic info why should I be so rude as to not welcome a QSO with a fellow ham??

I have worked some hideous code before, and I myself have sent some pretty shaky code (by my standards) when I'm in a rush, hands are tired from working carpentry all day or I'm excited about a new one, etc...but I have never received a negative comment about it, and if they had one and kept it to themselves, then I wouldn't care anyway...they read it well enough to give me a QSO....and I always try to pay attention to my sending. But it's just another thing that I file away in the 'life's too short to worry about' file.

By the way...I have only one Morse device on my table...an antique Speed-X bug. :-)) I hope to see you all on the air, and I hope we meet as friends.

73...Adam, N7YA

Date: Mon, 31 Jan 2000 03:17:44 EST
From: w4pj@w4bkx.ampr.org
To: qrp-1@lehigh.edu
Subject: [61702] Re: Distorted CW
Message-ID: <78200@w4bkx.ampr.org>

Mon, 31 Jan 2000 12:19:11 +1100 gzimmer@bigpond.com wrote:
Subject: Distorted CW from bugs

> I would suppose that the attitude of "no bugs" also
> means no straight keys, or other types of hand sent cw;

I feel that there are lots of beginners who totally despair at trying to copy the weird CW we often hear around the bands....

There seems to be an attitude amongst some OT's that extremely distorted Morse is "good" and that anyone who complains is a weakling....

If more of us made it a policy of not working experienced stations who sent "beginner unfriendly" CW, then we might begin to clean this mess up....

And, yes, sadly much of this mangled CW does come from bug users....

<snip>

Comments?

Yes.

Morse is a language. Like any language, EVERYBODY speaks with some type of accent. Some accents are difficult for me to understand. That doesn't prevent me from talking with them. In fact, that's why I love this hobby. I love to talk with people who are different from myself.
(Have different accents)

"If more of us made it a policy of not working experienced stations who speak with "beginner unfriendly" accents on VOICE, then we might begin to clear this mess up... "

Now doesn't that sound dumb when talking about VOICE in place of CW?

BTW I have found consistently more interesting QSOs and longer ragchews when calling CQ using a bug. I dunno why. Maybe it attracts a different type of caller.

de (Scott) W4PJ

Date: Mon, 31 Jan 2000 00:28:01 PST
From: "Leon Heller" <leon_heller@hotmail.com>
To: rwhite@netins.net, qrp-1@Lehigh.EDU
Subject: [61703] Re: Construction practices
Message-ID: <20000131082801.14365.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>Hi,

>
> I'm curious to find out how others cut circuit boards. I know some use =
>metal shears, but that's kind of expensive for an occasional use.
>
> Any ideas appreciated.

I score a line on both sides with a Stanley knife, cutting quite deep, then just snap the board along the line. It works with both fibreglass and SRBP.

Leon

Leon Heller, G1HSM

Tel (work): +44 1327 357824 Tel (mobile): +44 79 9098 1221

InfraRed Integrated Systems Ltd., Towcester Mill, Towcester, Northants.,
NN12 6AD, United Kingdom.

Email:leon_heller@hotmail.com

Web page: <http://www.geocities.com/SiliconValley/Code/1835>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 31 Jan 2000 00:37:05 -0800
From: Jim/Julia <w7ls@blarg.net>
To: qrp-1@lehigh.edu
Subject: [61704] cutting pcb material
Message-ID: <389549B0.17724ADE@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I use a Dremel moto-tool with a cutoff blade and use it like a circular saw, making the cut about a 'steenth (1/16") out beyond where I want the edge to be. I then place the board on a belt sander (on the ledge, so I'm sanding the edge of the board) and do a final, perfectly straight edge. <kiss sound> "Magnifico!" Jim W7LS

Date: Mon, 31 Jan 2000 03:32:10 -0800
From: Dave Fifield <fifield@pacbell.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [61705] Re: KENWOOD 570 AND TUNING AN AMP
Message-ID: <022101bf6bde\$cf709c0\$0100a8c0@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

We have a '570 at our ham station at work. I found that simply setting the rig to FSK data mode for tune up was fine. It's a one button operation to set, and a one button operation to undo (to get back to CW or SSB, whatever).

72, Dave Fifield, AD6A

----- Original Message -----

From: "Richard Williams" <richard.a.williams@attcanada.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, January 30, 2000 2:39 PM
Subject: KENWOOD 570 AND TUNING AN AMP

> Here's the answer to my question that I posed a few weeks ago and which no
> one could answer:
>
> Q: How do I key the 570 to tune my amp? (Note: the SEND button won't work in
> CW)
>
> A: Turn MENU 22 to ON and hit the dash paddle.
>
> I discovered this by accident when I wanted to see what it was like to use a
> bug to send CW. I was right, there's no good reason to use a bug and I
> refuse to answer buggers when they call me. Rick, VE9HF.
>

Date: Mon, 31 Jan 2000 06:35:03 -0800
From: "David Benson" <nn1g@earthlink.net>
To: "joe diliberti" <jjjdilib@juno.com>, <qrp-1@lehigh.edu>
Subject: [61706] KITS: kit builder request
Message-ID: <006a01bf6bf9\$dae913c0\$7469173f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang-

Joe Diliberti, W3GHI, has requested that I ask around to see if anyone's interested in assembling a WM-series (SSB) kit for him. Please contact him directly at the e-mail address above if you're interested and you can negotiate something with him. He's not a QRP-L subscriber- yet.

Thanks for the commercial bandwidth- 73, Dave- NN1G

Date: Mon, 31 Jan 2000 07:00:06 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: gzimmer@bigpond.com
Cc: qrp-l@lehigh.edu
Subject: [61707] Re: Distorted CW from bugs
Message-ID: <38957946.86A@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Graeme,

>
> If more of us made a it a policy of not working experienced stations who
> sent "beginner unfriendly" CW, then we might begin to clean this mess up....
>
(snip)
>
> If beginners had a hope of getting on the air using a computer program to
> receive CW, then I figure that there would be a whole lot more CW around !
>
Think about what you are saying. "If we stopped working experienced ops..." Then our skills would degenerate to the level of beginners. CW is a skill - if you don't use it, if you don't practice it regularly, your skill will deteriorate.

And "If beginners had a hope of getting on the air using a computer program..." then you have made CW even more complex! You have single handedly raised the price of admission for a ham ticket by several hundred dollars just so you can work CW. Computer sent CW is no better than hand sent if the programmer does know what good CW sounds like.

Are you saying that "I just can't copy CW so lets all use another mode?"

73

Date: Mon, 31 Jan 2000 07:50:14 -0500
From: Brian <brian@iquest.net>
To: mlevans@mail.utexas.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [61708] Re: Distorted CW from bugs
Message-ID: <38958506.FF7E4DFB@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I guess it boils down to this, if communication is to take place, it has to be two way. Information gets exchanged. If the sender and receiver can't connect at the least common denominator (ones speed, or method of sending), then communication doesn't happen. It doesn't matter if you're a pro with a keyboard at 50 wpm or a A-1 Operator with a J38 or Vibroplex Beauty or even a lowly paddle operator doing well at 15 wpm...if you can't understand each other, then you might as well be talking to yourself.

One of the things that I really appreciated when I was just starting to learn the art of CW up in the Novice portion of 40m, was having a QSO with a ham that had enough sense to realize that I wasn't a 20wpm guy yet, but he would continue to send to me just a LITTLE bit faster than I was sending to him. Now that REALLY helped me get the timing down. What I hated was when I'd toss out a 10 wpm CQ and someone would answer it at 20 wpm or more. I just had to pretend that I didn't hear it, I couldn't make out the call so no two way exchange could ever take place.

'nuff said on this

72 y'all

"Michael L. Evans" wrote:

>
> I've never posted before, but couldn't resist this one. One night somewhere
> out in the Pacific in WWII on a command ship called USS Appalachian, my
> Grandfather decided to try a bug for the first time. He said "Man, every
> time I tried it, they would immediately break in - Negative! Stop! Cannot
> copy a bug!". They knew exactly what he was using and some of the radio ops
> just hated it!
>
> 72/73
> KD5AAD

--

=====

KB9BVN :NORCAL #2792 FISTS #5695/CC# 764 QRP-L #1540
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - TenTec Scout - Attic Dipole - 5w
Proud member of the American Radio Relay League
Foxhunting Team UNDERDOG - Underdog #4

=====

Date: Mon, 31 Jan 2000 08:11:19 -0500
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [61709] ATU SWR bridge destruction continued
Message-ID: <20000131.081859.-163903.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gnag,

Ok, I had a nice time discovering that the modified (by someone else whose name I can't remember) N7VE bridge that I had built into my HB Z-match box didn't show the same null as the cheapo swr bridge that I had (one of those with a "sensitivity" pot & no calibration) or with the HB swr/power meter (stole from the Drake circuitry accumulata). It would be square with the reference on frequencies below 17m, but on 10m through 17m, the nulls on the bridge were not where the nulls on the reference SWR meters were nulled.

So . . . I took some parts & clobbered together another SWR/Power meter (stole from the Drake circuitry accumulata) & put that in the Z-match box. Now I have nominal agreements . . .

And surprise, surprise! I can hear stuff on 10m through 17m a bunch better than before. So, sadly, I put the modified (by someone else whose name I can't remember) N7VE bridge in the collection of tried & proved boards & parts & got on with playing radio. Of course, since I stuck the meter in the Z-match, the sense of having a circuit that relied mostly on displaying tuning set-ups with the illumination of an LED, I figure it won't hurt much anywho. Seein' as how I have a meter instead of an LED, see?

Then, just to make life interesting (and to balance the space on the desk [why do I sense a photo-op coming up], I went to Roger's & bought a pile of stuff. A box to match the Z-match box & all the stuffin's for a power supply. And I actually got it to work. A T0-3 LM7815 & a T0-3 NPN pass transistor (whose name I can't remember). It gets warm, but it gives me 13.8 at 4A & looks cool.

Now I have to get another NoGAPiG to put in that one too . . . so I can have two LEDs between where I'm gonna decoupage my callsign. As if that's gonna help me remember it!

73

Nils

. . . worked the Cayman Isle DX dudes too! Cool jammin', mon.

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

<http://home.fiberia.com/wb8ijn> -- W8IJN --

<http://members.xoom.com/nilsbull>

"In my day you had to FIGHT to have oligarchs! Every day was a STRUGGLE!

-- Comrade Sergei Nikolaevich McTovarishov --

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Mon, 31 Jan 2000 09:10:29 -0400

From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>

To: qrp-1@Lehigh.EDU

Subject: [61710] HW-7 improvement

Message-ID: <[v03110702b4bb2f924354@\[132.235.81.58\]](mailto:v03110702b4bb2f924354@[132.235.81.58])>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Gang,

Since I was asking about HW-7 information last week, I thought that I'd send a follow up and let you all know how things are going with receiver improvement.

First, I decided that I was not going to drill any holes or mar the original HW-7. Having set that as the guideline, here is what I've done:

1. One of the key things that made a real improvement in the sensitivity was the adjustment of the drain resistor on the mixer dual gate FET. I substituted a 4.7 k pot in place of the original resistor, 1K, which gave a drain voltage of 10.2. Tuning in a weak station I adjusted the pot and noticed a dramatic increase in the received signal strength, with no apparent increase in the system noise level(sans antenna). I removed the pot and measured it at 2.7 k, and then replaced it with a 2.7k ohm

resistor. The drain voltage was now at 7.4 volts. This customizing of the drain resistor in other HW-7s would probably result in differing values of resistance for a given FET.

The next question... would the change cause any problems, such as front-end overload, etc? I made some Q's over the weekend without any overloading whatsoever. 15 and 20 meter reception was much improved. So the 2.7K is going to stay.

2. I moved the tap on the receiver input inductor; it was originally at one turn, probably fine for 15 and 20 meters, but not enough on 40 and moving it up to the second turn also did a lot for the reception on 40. The Q of this input tuned circuit is also lowered because of this and makes the tuning less touchy.

I didn't do any measurements on test equipment to quantify the results. I just did this by the SOTP (Seat-of-the-pants) method over the weekend at home and I am very pleased with the results. Signals that were not even being heard are now easy to copy.

Hope that helps someone out here!

73 de NS80

Date: Mon, 31 Jan 2000 09:03:11 -0800
From: "David Benson" <nn1g@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [61711] KITS: builder request oops
Message-ID: <00c301bf6c0d\$79975a00\$7469173f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

David Benson wrote:

>
> Gang-
>
> Joe Diliberti, W3GHI, has requested that I ask around to see if anyone's
> interested in assembling a WM-series (SSB) kit for him. Please contact

him
> directly at the e-mail address above

Sorry, gang-

He's at jjjdilib@juno.com , apparently I lost him off distribution. These things seem more complicated at 5 AM.

73- Dave

Date: Mon, 31 Jan 2000 09:31:31 -0500
From: "Paul Helbert, Wv3j" <phelbert@rica.net>
To: Tom Hammond - N0SS <n0ss@earthlink.net>
Cc: Low Power Discussion Group <qrp-l@Lehigh.EDU>
Subject: [61712] Re: [Elecraft] Fox: Groundhog's Day
Message-ID: <38959CC3.E9B5F8DE@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom Hammond, N0SS wrote:

> I've got BOTH my K2 (FTing the ATU _and_
> the NB mod), AND another K2 belonging to a friend all opened up on
> my workbench. Not sure I can get anything together long enough to
> try and work you.

Waaa, Waaa, Waaa...

> I've never participated in a Fox Hunt... I read the rules, but I got
> the impression that the Fox was kinda supposed to jump around, in
> order to make the Hounds 'look' (hunt) for him... and the rules
> don't seem to mention this particular facet of the Hunt.

No, Tom, "Foxhunt" is sort of a misnomer. In the QRP-L foxhunt the fox tries his best to get caught. He sits still unless QRM forces him to move. The rules don't allow the fox to operate split except by the use of RIT. It's the baying of the hounds (and discipline of the pack) which is beautiful, scary and fun. Maybe they should have called it "Fox and Hounds", "Monkey in a Cage" or something else to differentiate it from direction finding hidden transmitter "foxhunts". If propagation is good I will only be in the clear for a brief moment, after which I will be hidden by the hounds UNLESS the pack (as is usual) disciplines itself to shut up and LISTEN. It's a pile up for the fox and pile up breaking techniques (other than high power) are the rule.

If it weren't for the fact that the hounds are a pack of the best ops anywhere, I'd be petrified about tomorrow night. I've got a snow day today. Think I'll erect a temporary vertical antenna to hasten impending doom.

72,

Paul, Wv3j

Date: Tue, 1 Feb 2000 08:28:11 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <jeff@n9avg.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [61713] Re: Nice Morning
Message-ID: <008701bf6cc0\$93f830a0\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There is a strong correlation between longevity and mental and physical activity. And active pursuits vs. passive pursuits such as something I have to do (I think ham radio fits here) vs. something I watch someone else do (does extensive TV watching fit here?) make a big difference. If you get so busy and involved in a really stimulating pursuit (CW operation comes to mind!) maybe you don't have time to think about deteriorating health. And, if you don't have time to think about it..... Well, my opinion, anyhow.

Dan W. Dooley WB5TKA
e-mail to: dandooley@pipeline.com
May Goddes love blest ye alle

----- Original Message -----
From: Jeff Davis <jeff@n9avg.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Sunday, January 30, 2000 11:23 AM
Subject: Nice Morning

>
> Anyway, he went on to tell me that he was 85 years old. Man, I hope I
> live that long and can still pound brass like Ed.
>
> Do you think CW operators live longer? ;-)
>

> --
> 72 de Jeff, N9AVG
>

Date: Mon, 31 Jan 2000 09:42:16 EST
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu, nwq-1@scn.org
Subject: [61714] FYBO & HYPOTHERMIA
Message-ID: <1e.d6da21.25c6f948@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In the spirit of safety here is a good site addressing hypothermia,
especially for the FYBO participants:

Click Here: OA
Guide to Hypothermia & Cold Weather Injuries

<http://www.princeton.edu/~oa/safety/hypocold.html>

73's Alan KB7MBI

Date: Mon, 31 Jan 2000 12:51:13 -0300
From: Kleibe Jacinto de Araujo <kleibe@anatel.gov.br>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [61715] IC tone generator!
Message-ID: <6A3A6C7C6177D311932B0000E21F2B78153889@ANATELMAILE>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi Gang,,,

somebody have info about a IC that generate 1Khz tone????

Tanks to all....

73=B4s
Kleibe Jacinto de Araujo

PP2KJA=20

Date: Mon, 31 Jan 2000 07:50:26 -0700
From: Roger Hightower <n7kt@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>, azqrp <azqrp@extremezone.com>
Subject: [61716] FYBO & Phone
Message-ID: <3895A131.15D3B04C@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, QST does it again. The FYBO announcement was submitted as CW only, but the blurb in Contest Corral says CW and Phone. At least they didn't include the WARC bands this time.

So.....slight change here. We will accept phone entries this year. Please mark your logs clearly, CW or SSB so we can sort them out. If the entry doesn't include the mode, we won't score it.

In light of the number of K2's out there, SSB might not be a bad thing.

Logs to me by March 5, 2000.

Roger Hightower, N7KT
1265 W. Kiowa Circle
Mesa, AZ 85202

--
72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591

Date: Mon, 31 Jan 2000 09:59:55 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [61717] Efficiency / dB / Percentage (the arithmetic)
Message-ID: <20000131.100112.-190177.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Question to me. . . "how do you figure? :)"

No Problem, I will show the arithmetic,
others may be interested too,
I will post to the list.

You will need an inexpensive scientific calculator or
a spread sheet such as EXCEL.

Example 5 W input, 4 W output.

1) Efficiency (expressed as a decimal)

The ratio of output to input. . .
 $(4 / 5) = 0.8$

2) Efficiency (expressed as a percentage)

The ratio of output to input times 100 %. . .
 $((4 / 5) \times 100) = 80 \% \gg(\text{percent})\ll$

3) dB vs efficiency

To express dB as a decimal
divide the anti log of the term in dB by ten.

For example -3 dB . . .
ant log (-3 / 10) =
ant log (- 0.3) = 0.5
. . . therefore . . .
-3 dB = 0.5 (that is 50% efficient)

For a power ratio of the following the efficiency is:

-1 dB = 0.79 (79% efficient)
?? dB = 0.75 (75 % efficient), the test. . .
-2 dB = 0.63 (63% efficient)
-3 dB = 0.5 (50% efficient)
-6 dB = 0.25 (25% efficient)
-10 dB = 0.1 (10% efficient)
-20 dB = 0.01 (1% efficient)
-30 dB = 0.001 (0.1% efficient)

Test, how do you express 75 % efficient in terms of dB?
The answer is -1.78 dB,
now, for a 5 W input what is the output power in Watts?

Show the arithmetic . . .

Hope this helps

John
N3AAZ
FM19xa

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Mon, 31 Jan 2000 10:20:13 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: kleibe@anatel.gov.br, qrp-1@Lehigh.EDU
Subject: [61718] Re: IC tone generator!
Message-ID: <20000131.102121.-190177.1.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Question. . . info about a IC that generate 1Khz tone?

May be this will help . . .

Sine, triangle, and square wave from 25 Hz to 25 kHz in three bands.

One opamp, TL082 or LF353
One FET, MPF102
One 2N2222
by
Craig Sellen
Mallard Meadows, Rm 405
476 Belmont St.
Waymart PA 18472

from
73, Jan / Feb 2000, page 22
web >>www.waynegreen.com<<
email >>design73@aol.com<<

John
N3AAZ
FM19xa

On Mon, 31 Jan 2000 12:51:13 -0300 Kleibe Jacinto de Araujo
<kleibe@anatel.gov.br> writes:
>Hi Gang,,,
>
>
>somebody have info about a IC that generate 1Khz tone????
>
>
>Tanks to all....
>
>73 s
>Kleibe Jacinto de Araujo
>PP2KJA

Date: Mon, 31 Jan 2000 09:41:53 -0600
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
To: phelbert@rica.net, qrp-1@lehigh.edu
Subject: [61719] Re: Fox: Groundhog's Day
Message-ID: <3895AD41.E81AA9B5@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

umm...

I'm cornfuzed. Tuesday night local isn't Groundhog day, it's only Feb 1.

And 0100-0300Z on local Tuesday will be Feb. 2 in London, not
Feb. 3 as you said in your message.

So which is real? I assume you really mean local Tuesday, which
would be the normal day, so the times are 0100-0300Z Feb. 2,
which is Groundhog day in England but not here (though I don't
think they observe Groundhog day over there... They call it
Candlemas or maybe "Lady Day".)

>From Fuzzy Bear Farm, just a few miles outside America's SECOND
ground hog city (Woodstock, IL, where the movie Ground Hog Day
was filmed.)...

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-ARCI #5154 <http://www.netcom.com/~fuffle/>

Date: Mon, 31 Jan 2000 10:49:47 -0500
From: "Franco, Nicholas J" <franco@bnl.gov>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [61720] Re: Distorted CW from bugs & FoxHunt
Message-ID: <698DB793D712D31180B600902746422D50BBE3@exchange01.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Just to say - I have heard some really nice CW from bug users. In fact on the last Fox Hunt I had the privilege of loggin one individual who was sending great code with his bug. I just don' t remember who it was :-) I just had to make a comment to him about his nice fist though. I should have wrote a note down on my paper log but the excitement of the hunt was too much for me to improvise too much. However, one of the reasons I sent everything manually (paddles and keyer) rather than a memory keyer or computer was so I could make little comments along the way and have just a pat answer to every contact. But, then I'm weird like that. I'll sure that annoyed some of you - hey, but I was the Fox and could do what I felt like :-) only kidding.

When I decided to learn to use a bug, I wanted my bug code to be "good" code. I was trying to have it sound like a keyer. I don't think I could ever accomplish this exactly, but at least I know when I'm sending good or bad CW. It's OK to have swing or style with manual key and semi-auto key sending as long as it is copyable code. I agree with Ron - KU7Y in that time and practice needs to be spent in copying code. Not everyone out there wanting to play in our hobby has picture perfect code. It's up to us to give them practice and even help them along to improve as we build relationships over the air.

I often reply to a "bad" CQ just to give the person a chance to have some fun. Yeah, the copy is tough and sometimes I miss something, but I get the gist of what he is saying and many times, have a very interesting ragchew as a result. If you work the same person a few times, you may have earned the right to talk about his code sending. You may find there is a disability of some sort inhibiting the sending skills or age. He may even joke about it as the QSO lightens up. You both wide up learning something out of the deal.

I still use my bug - not all the time, but on certain rigs. The TT2 for example keys the power to the transmitter via the key. I didn't want to hook up a keyer to that and blow something up :-) A manual contact keying mechanism was a easy way to check out my new toy. Fist I use a straight key

but quickly moved in the Vibroplex Original. I worked out great. I still make lots of contacts with my bug and enjoy breaking it out every now and then just to keep the skill active. I didn't grow up on one of these critters; I had to purposely learn to use it even though electronic devices were already available. Personally, I think everyone should learn some manual method of send code. It's good for getting you to learn how the characters are actually formed. When you have that in your head, you can send good copyable code on anything (with some practice). I once had a key break on me in the middle of a QSO. I ripped the wires off the back and finished the contact by taping the two wires together. I'm not blowing my own horn here just giving an example that if the formation of the code is your head you can by in an emergency with anything.

'nuff said - thanks for the bandwidth - have fun out there - learn, experiment, play and grow - this is a great hobby.

72,
Nick - kf2ph . .

--
Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY
Systems Administrator Collider-Accelerator Department
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-2833 Ham Call: KF2PH
<mailto:nickf@bnl.gov> <http://www.rhichome.bnl.gov/People/franco>

Date: Mon, 31 Jan 2000 11:10:36 -0500
From: "Pastor-kc1di" <ELBC@PIVOT.NET>
To: <franco@bnl.gov>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [61721] Re: Distorted CW from bugs & FoxHunt
Message-ID: <000701bf6c05\$b6d03d40\$2011a1d0@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Franco, Nicholas J" <franco@bnl.gov>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, January 31, 2000 10:49 AM
Subject: Re: Distorted CW from bugs & FoxHunt

> Just to say - I have heard some really nice CW from bug users. In fact on

> the last Fox Hunt I had the privilege of loggin one individual who was
> sending great code with his bug. I just don' t remember who it was :-) I
> just had to make a comment to him about his nice fist though. I should
have
> wrote a note down on my paper log but the excitement of the hunt was too
> much for me to improvise too much. However, one of the reasons I sent
> everything manually (paddles and keyer) rather than a memory keyer or
> computer was so I could make little comments along the way and have just a
> pat answer to every contact. But, then I'm weird like that. I'll sure
that
> annoyed some of you - hey, but I was the Fox and could do what I felt like
> :-) only kidding.
>
> When I decided to learn to use a bug, I wanted my bug code to be "good"
> code. I was trying to have it sound like a keyer. I don't think I could
> ever accomplish this exactly, but at least I know when I'm sending good or
> bad CW. It's OK to have swing or style with manual key and semi-auto key
> sending as long as it is copyable code. I agree with Ron - KU7Y in that
> time and practice needs to be spent in copying code. Not everyone out
there
> wanting to play in our hobby has picture perfect code. It's up to us to
> give them practice and even help them along to improve as we build
> relationships over the air.
>
> I often reply to a "bad" CQ just to give the person a chance to have some
> fun. Yeah, the copy is tough and sometimes I miss something, but I get
the
> gist of what he is saying and many times, have a very interesting ragchew
as
> a result. If you work the same person a few times, you may have earned
the
> right to talk about his code sending. You may find there is a disability
of
> some sort inhibiting the sending skills or age. He may even joke about it
> as the QSO lightens up. You both wide up learning something out of the
> deal.
>
> I still use my bug - not all the time, but on certain rigs. The TT2 for
> example keys the power to the transmitter via the key. I didn't want to
> hook up a keyer to that and blow something up :-) A manual contact
keying
> mechanism was a easy way to check out my new toy. Fist I use a straight
key
> but quickly moved in the Vibroplex Original. I worked out great. I still
> make lots of contacts with my bug and enjoy breaking it out every now and
> then just to keep the skill active. I didn't grow up on one of these
> critters; I had to purposely learn to use it even though electronic
devices

> were already available. Personally, I think everyone should learn some
> manual method of send code. It's good for getting you to learn how the
> characters are actually formed. When you have that in your head, you can
> send good copyable code on anything (with some practice). I once had a
key
> break on me in the middle of a QSO. I ripped the wires off the back and
> finished the contact by taping the two wires together. I'm not blowing my
> own horn here just giving an example that if the formation of the code is
> your head you can by in an emergency with anything.
>
> 'nuff said - thanks for the bandwidth - have fun out there - learn,
> experiment, play and grow - this is a great hobby.
>
> 72,
> Nick - kf2ph . . .
>
> --
> Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY
> Systems Administrator Collider-Accelerator Department
> Tel: (516) 344-5467 UPTON, NY 11973-5000
> Fax: (516) 344-2833 Ham Call: KF2PH
> <mailto:nickf@bnl.gov> <<http://www.rhichome.bnl.gov/People/franco>>
>

Hi Nick and All ,
Just comment about the bug.. CW can be sent very nicely with a but , but
they must be adjust correctly.. and the operator must Practice.. off the
air.. until He/She become proficent at the art ..
here's a web page that discribes the prober set up for a bug..
http://fohnix.metronet.com/~nmcewen/bug_adjust.html
happy qrping 73 & 72 dave kc1di

Date: Mon, 31 Jan 2000 10:19:32 -0600
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
To: qrp-1@Lehigh.EDU
Subject: [61722] Re: Distorted CW from bugs
Message-ID: <3895B613.1161E5C3@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hear, hear! I suspect that when we converse with many an old timer,
we are hearing code from some sort of semi-automatic, but just
aren't aware of it. A bug adjusted properly and used by someone

who knows how does not send "malformed" code.

I have a "Skillman" semiautomatic that I got at some hamfest. Had to mess with it to slow it down enough, as I just don't like speeds of 25 wpm and up. I used it for traffic handling for a long time. The motion is much more natural, doesn't induce the cramps I sometimes would get from prolonged use of the straight key. On the other hand, using the bug requires constant practice and regular readjustment of the mechanism. I might drag it out for a contest, but use the straight key for a casual QSO now and then when I'm not anticipating long periods of operating. Less to fiddle with...

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-ARCI #5154 <http://www.netcom.com/~fufffle/>

Date: Mon, 31 Jan 2000 10:17:19 -0800
From: Dick Carroll <dixie@townsqsr.com>
To: mlevans@mail.utexas.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [61723] Re: Distorted CW from bugs
Message-ID: <3895D1AF.CAB9425A@townsqsr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike, if he was in fact "trying a bug for the first time", I'd imagine everyone WAS having trouble copying. Anyone needs to do a good bit of practicing with a bug before actually using it. That's after assuring that it is properly adjusted. Don't just assume it's all in the technique, because even a good bug operator can't properly use one that's out of adjustment. And **all** of them are, until they're adjusted correctly.

Once properly adjusted, it takes little time to get used to the timing required to make it work right. Just keep the speed down, and soon you'll love the thing and your skill development will move right along. If you can't get it adjust to a slow enough "dit" speed using the weight that is present, add some more weight to the end of the rod. Most anything will work, lead solder wire wound around the weight, clipped clothespin, etc. Vibroplex sells a small attachment for the same purpose.

I know that the use of bugs was widespread in the WW2 Navy, though. I worked for many years with a fellow who had been a WW2 Chief Radioman on a aircraft carrier in the Pacific and he was an excellent bug operator. A friend of mine

used to own the McElroy bug that his uncle had used to send the message reporting the Japanese surrender, from the battleship Missouri. I think it's fair to say that most pros used a bug.

And I remember, as a kid, hanging around the Western Union telegraph office located in the local Frisco Railroad station.. I never learned to copy the clicks, but it all had my attention, and the telegrapher sure could put them out, with his Vibroplex. He didn't mind me taking it all in. Before long it was all gone.

Dick WOEX

Michael L. Evans wrote:

> I've never posted before, but couldn't resist this one. One night somewhere
> out in the Pacific in WWII on a command ship called USS Appalachian, my
> Grandfather decided to try a bug for the first time. He said "Man, every
> time I tried it, they would immediately break in - Negative! Stop! Cannot
> copy a bug!". They knew exactly what he was using and some of the radio ops
> just hated it!

>

> 72/73

> KD5AAD

Date: Mon, 31 Jan 2000 08:59:09 -0800
From: Thomas Upton <stjohn@ocsnet.net>
To: qrp-1@lehigh.edu
Subject: [61724] OT Magnetic Headphones
Message-ID: <3895BF5C.243A19EA@ocsnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have three pairs of Magnetic Headphones from a Ventura County CA School clearance.

They were part of the "Califone" Listening Station, a Division of Rheem Mfg., LA Cal. The earphones are labeled "Alnico Magnetic, No. 15, C.F. Cannon Co., Springwater NY, USA." These are black bakelite, and each earphone pair of the pair uses a hefty electromagnet to drive the aluminized iron disk which of course produces the sound. They have a black plastic covered spring headsqueezing headset with a four foot cotton covered cord terminated with a 1/8 inch plug.

Wow, hard to describe a pair of old headsqueezers we know and love!

I would like \$15.00 per pair, or would sell the three pairs and the Califone Listening Station for \$55 total.

Thanks for the bandwidth. Tom Upton AD6N Porterville CA 36N at 119 W.

Date: Mon, 31 Jan 2000 09:10:26 -0800
From: Allan G Taylor <agtaylor@llnl.gov>
To: qrp-1@lehigh.edu
Subject: [61725] XCVR: packing an Altoids tin VERY FULL
Message-ID: <3895C202.18FC@llnl.gov>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good morning, all

It seems that a frequent rite of passage in the QRP world is to make up a rig in an Altoids tin. Having recently acquired one, I am about to do that for a 40-9er with 'all' the mods. The recently published article about a power amp in an Altoids tin has also sparked my interest. (Jan 2000 QRP Quarterly). What I would like to do, as a follow-on project sometime in the future is to see if I could make a fully functional superhet-type xcvr in said Altoids tin. Something like a NC40. Capable of appx. 2W output so it is actually useful as a backup rig in field situations. RIT is superfluous in this context. No built in battery(!), capable of 10-15V for power, no counter or SWR bridge, but with a Tick1 keyer, etc. So my question: has anyone done such a stuffing job? What compromises were necessary? Did it actually work? work well? Did you have to resort to surface-mount components? Any other relevant thoughts?

Please reply directly to either of the email addresses given below.

73

Allan K7GT

--

Allan Taylor agtaylor@llnl.gov (work) or k7gt@aol.com (home)

Date: Mon, 31 Jan 2000 08:22:50 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: w7ls@blarg.net, "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [61726] Matching Subject to the text Re: cutting pcb material
Message-ID: <3895C4EA.E16A43D@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim, this may seem like a frivolous message but I wanted you to know I appreciate it when someone (you in this case) takes the time to make the Subject match the material in the message. "Construction practices" was a bit vague and makes it real hard to find later when I need it.

Thank you.

73, Jim

--

Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska <mailto:al7fs@qsl.net>
ICQ 11022915 (ICQ info at <http://www.icq.com/>)

Jim/Julia wrote:

>

> I use a Dremel moto-tool with a cutoff blade and use it like a circular
> saw, making the cut about a 'steenth (1/16") out beyond where I want the
> edge to be. I then place the board on a belt sander (on the ledge, so
> I'm sanding the edge of the board) and do a final, perfectly straight
> edge. <kiss sound> "Magnifico!" Jim W7LS

Date: Mon, 31 Jan 2000 09:57:49 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [61727] A Word about CW Nets, gear, musings...
Message-ID: <3895CD1C.F81D6D61@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good day to all.

Ever since I stumbled on the Saturday WSN-40
net in 1997, and later when I was NCS due
to a member absence, I've been hooked.

I remember wondering if I'd fit in, know the "stuff" etc. It was quickly obvious however, that I was a victim of my own fears. I often wonder after trying something new, why I let myself cultivate such a fear. Nowadays there is just about nothing I'm afraid of doing.

What caused such confidence? It was the eager acceptance of "me" by the net members. As is often the case, our ham family proves to warmly accept and nurture any and all who pass by.

I often receive email reports that my QSO's are copied regularly for CW practice. That's one reason I continue with the QRQ net even when no-one checks in. Somewhere there is harcopy happening.

Fortunately the hi-speed net has a small regular group of followers. The Lo-End portion of the net is apparently useless. 13 to 24 WPM isn't a challenger per se'. It was offered to cover the middle ground of QRQ but no takers. It could be that regular QSO's are more effective.

I'm hoping to learn more about traffic and structured nets. I have absolutely zero interest in non-morse communications. Talking with fingers is like being adept at skateboarding or snowskiing to me. I mean, it would be faster to drive to work, but I'd rather take the skis anytime! Too bad the WX doesn't co-operate.

Wouldn't it be cool if you needed all these special bindings, poles, boots, etc. to hook up with the CW hobby? How about regular waxing and special 'temperature' tuning waxes like the Olympic sleds on the ice course?

What is so cool is that with CW you have a choice. You don't have to buy the lift ticket, brave the high prices of equipment and long hours of trekking to the resort. You can use two wires and an oscillator if you wish.

Or go for the full metal jacket version. I hope someday to have one of them award winning, machined straight keys. An assortment of mechanical wonders such

as bugs, cooties, etc. An array of paddles expressing different design intents, just shouting "I Love CW!"

Who knows, maybe someday I'll have a small waterwheel on the back of the skis doing the timing, and the skipoles, hitting the snow, will send dits on the left and dahs on the right.

-Ed WE6W "72"

--

-72/Ed WE6W; AR Millennium Q's=> 2479/2000 A-1 OP

<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Mon, 31 Jan 2000 10:02:03 -0800

From: Allan G Taylor <agtaylor@llnl.gov>

To: qrp-l@Lehigh.EDU

Subject: [61728] Re: HB: KR5L CW Tone Decoder; 3-t 10K pots needed for RH40/NC20

Message-ID: <3895CE1B.56A0@llnl.gov>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I found info on the KR5L CW Tone Decoder but no takers to help with a 3-turn pot. I may have to adapt a 100k 10-turn pot to the task.

73 all

K7GT

ARRL DXCC 2000 award progress: 51 worked in January 2000 (no, not QRP but didn't use the amp either)

--

Allan Taylor agtaylor@llnl.gov

Date: Mon, 31 Jan 2000 10:06:47 -0800

From: "Bob Tellefsen" <n6wg@earthlink.net>

To: <qrp-l@Lehigh.EDU>

Subject: [61729] Re: Autek Research VA1 or RF5Users?

Message-ID: <01bf6c15\$f0dc0f90\$6ed5fc9e@ham.earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Tom

I persuaded my family to get me the VA-1 for Christmas, and it was worth the effort.

I've been using the RF-1 for some time, but the VA-1 is a real improvement. Its main new feature is the ability to look at an impedance and see the R and X values separately. It also does everything the RF-1 does.

Boy, what a difference it makes in working on matching networks, tuning antennas, etc.

With just a Z display, you don't really know what you have, since it combines the effect of R and X. With the VA-1, you can look at each independently.

One neat feature allows you to look at a feedline and see the series R and X values at that point. If you then switch scales to the L and C readings, it will show you the actual L or C value needed to cancel the measured reactance.

I understand the later versions of the MFJ units can do at least some of these things also. I suppose your choice needs to be made more on how you will use the unit. If you climb towers to work on beams at the feedpoint, I would think the VA-1 would be more attractive, as it is small enough to go in a shirt pocket.

If you are interested in the L and C measurement aspects, either product will get you close. I prefer to use my AADE LCIIB LC meter for accurate readings, though, especially when I'm building a filter with fixed L and C, and no adjustable parts. Things come out a lot better when the parts are very close to the design values.

Hope this helps,
73, Bob N6WG

Date: Mon, 31 Jan 2000 13:04:54 EST
From: REDSBOY@aol.com
To: qrp-l@lehigh.edu
Subject: [61730] Re:Perfect CW and other fantasies
Message-ID: <64.5a0853.25c728c6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

CW is such an embattled mode of communication today, all of us who thoroughly enjoy it and fear its demise need to rally around each other and encourage

our diminishing numbers.

Specifically, in response to the flurry of e-mail postings, I offer the following suggestions:

1. Let's all recognize that NO ONE (not even using a computer) sends perfect CW.
2. ALL of us should try continually to improve our skills and abilities in ALL aspects of our hobby. That's part of the fun and challenge.
3. Remember that it was possible to exchange information even before keyers hit the CW scene. Look at the late '40's and the '50's for example. Check the BPL columns. We were pounding brass back then and handling formal traffic at 40+ WPM and we used bugs. Mae Burke, W3CUL, in my opinion one of the top traffic handlers of all time, handled hundreds of messages EVERY DAY on CW from us GI's overseas, and Mae (pardon me for saying it) had a far from perfect fist. No one complained. We just copied accurately EVERYTHING that came off that well-worn bug. I wish I could hear her today!
4. If you wanna copy a QSO, then you probably will be able to. If you are searching for perfect CW, you probably won't be able to find it.
5. Let's quit saying derogatory things about other CW ops. Let's encourage each other to keep pounding away with whatever we have and/or prefer. And
6. LET'S LET THIS TOPIC DIE! PLEASE!

Please send all flames to w4uti@arrl.net. Thank you for your kind attention.

Regards,

Karl - W4UTI

Date: Mon, 31 Jan 2000 11:19:00 -0700
From: gsurrency@juno.com
To: weinfurt@oak.cats.ohiou.edu
Cc: qrp-1@Lehigh.EDU
Subject: [61731] Re: HW-7 improvement
Message-ID: <20000131.113046.-409063.3.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Greg,

If that FET was a MPF-105, Heath pn. 417-169, then toss it and use a MPF102 or other FET instead. The MPF105 is not much better than a piece of wire when it comes to amplification. It's almost as bad as the infamous Heath 417-201 PNP transistor. And that is **really** a poor part!!!! :-)

But your posting is one that I can appreciate, as I am always looking for a little more out of my rigs. Great going with that method you used!

73, from a long-time Heath builder and critic.

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)
K2 sn. 364

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Mon, 31 Jan 2000 11:06:36 -0700
From: gsurrency@juno.com
To: fifield@pacbell.net
Cc: qrp-l@Lehigh.EDU
Subject: [61732] Re: KENWOOD 570 AND TUNING AN AMP
Message-ID: <20000131.113045.-409063.1.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I have a TS-570D, and just use AM mode when I want to "tune up" my external LDG atu or whatever. This limits the output to 25 watts unless you already have the Power level reduced to 5 watts. Works fine.

Yes, the '570d has a built-in atu also. But I use the LDG often on antennas with strange reactance, etc. The built-in tuners are mostly designed to just present a good 50 ohm resistive match to the rig for full TX output, and are **not** intended for tuning anything you connect to the antenna jack!!!

73,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)
K2 sn. 364

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Mon, 31 Jan 2000 12:40:38 -0600
From: "Michael L. Evans" <mlevans@mail.utexas.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [61733] Re: Distorted CW from bugs
Message-ID: <3.0.5.32.20000131124038.007e0620@mail.utexas.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Yeah, I probably should have put that in. Pop did a have bit of a learning curve there at the start to get over. Sounded like he had to warm up to the bugs for a bit. He laughs about that to this day.

Thanks for the reply!

72/73
KD5AAD

At 10:17 AM 1/31/00 -0800, you wrote:

> Mike, if he was in fact "trying a bug for the first time", I'd imagine
> everyone WAS having trouble copying. Anyone needs to do a good bit of
> practicing with a bug before actually using it. That's after assuring that it
> is properly adjusted. Don't just assume it's all in the technique, because
> even a good bug operator can't properly use one that's out of adjustment. And
> *all* of them are, until they're adjusted correctly.
> Once properly adjusted, it takes little time to get used to the timing
> required to make it work right. Just keep the speed down, and soon you'll
love
> the thing and your skill development will move right along. If you can't get
> it adjust to a slow enough "dit" speed using the weight that is present, add
> some more weight to the end of the rod. Most anything will work, lead solder
> wire wound around the weight, clipped clothespin, etc. Vibroplex sells a
small
> attachment for the same purpose.
>
> I know that the use of bugs was widespread in the WW2 Navy, though. I
worked
> for many years with a fellow who had been a WW2 Chief Radioman on a aircraft
> carrier in the Pacific and he was an excellent bug operator. A friend of mine

>used to own the McElroy bug that his uncle had used to send the message
>reporting the Japanese surrender, from the battleship Missouri. I think it's
>fair to say that most pros used a bug.
> And I remember, as a kid, hanging around the Western Union telegraph office
>located in the local Frisco Railroad station.. I never learned to copy the
>clicks, but it all had my attention, and the telegrapher sure could put them
>out, with his Vibroplex. He didn't mind me taking it all in. Before long
it was
>all gone.
>
>Dick W0EX
>
>
>Michael L. Evans wrote:
>
>> I've never posted before, but couldn't resist this one. One night somewhere
>> out in the Pacific in WWII on a command ship called USS Appalachian, my
>> Grandfather decided to try a bug for the first time. He said "Man, every
>> time I tried it, they would immediately break in - Negative! Stop! Cannot
>> copy a bug!". They knew exactly what he was using and some of the radio ops
>> just hated it!
>>
>> 72/73
>> KD5AAD
>
>
>
>

Date: Mon, 31 Jan 2000 11:40:37 -0700
From: Roger Hightower <n7kt@earthlink.net>
To: JayMiller@aol.com, QRP-L <qrp-l@lehigh.edu>
Cc: w5bi@arrl.net
Subject: [61734] Re: Voice
Message-ID: <3895D725.2E4C0807@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jay, WA5WHN asks:

"What frequencies, for QRP SSB operation FYB0 2k, would you suggest
Amigo?"

Good question. If you're going to work SSB in FYB0, try the normal QRP
SSB calling freqs:

3.985, 7.285, 14.285, 21.385, and 28.385, all +/-.

28.715 might not be bad either.

GL/72...Roger

--

72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591

Date: Mon, 31 Jan 2000 13:50:56 -0500
From: "Paul Helbert, Wv3j" <phelbert@rica.net>
To: Low Power Discussion Group <qrp-l@Lehigh.EDU>
Cc: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
Subject: [61735] Re: Fox: Groundhog's Day (Date Correction)
Message-ID: <3895D990.7F1E02@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gary Phillips, Ka9nzi, wrote:

> umm...
>
> I'm cornfuzed. Tuesday night local isn't Groundhog day, it's only Feb 1.
>
> And 0100-0300Z on local Tuesday will be Feb. 2 in London, not
> Feb. 3 as you said in your message.
>
> So which is real? I assume you really mean local Tuesday, which
> would be the normal day, so the times are 0100-0300Z Feb. 2,
> which is Groundhog day in England but not here (though I don't
> think they observe Groundhog day over there... They call it
> Candlemas or maybe "Lady Day".)
>
> >From Fuzzy Bear Farm, just a few miles outside America's SECOND
> ground hog city (Woodstock, IL, where the movie Ground Hog Day
> was filmed.)...

Sorry about that, folks. Gary is right on all counts. I'm the fox as scheduled: 2 Feb 2000 UTC 0100-0300. That'll still be Tuesday evening 1 Feb 2000 in North America. The third of February has nothing to do with anything.

I'm erecting a vertically polarized antenna this afternoon and should be

prowling the QRP frequencies with it this evening and maybe tomorrow in the hour before the foxhunt as well.

72,

Paul, Wv3j

Date: Mon, 31 Jan 2000 15:06:45 EST
From: Wa3ptg@aol.com
To: qrp-l@lehigh.edu
Subject: [61736] HB: Cutting Ferrite Rods
Message-ID: <60.bf6f20.25c74555@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang

Finally got around to winding that regen plug-in for 160 meters. Scored a 4" ferrite rod all the way around with a file, then slammed it down on the workbench. It broke into 2 nice pieces. Thanks to whoever it was who suggested it.

I put the pieces down into the coil form, and found it wasn't **quite** enough, so I broke another one. With the 3rd piece hot-glued into the coil form, I can tune down to 1790 kHz. I don't think I want to drop this one, it's pretty heavy with the rods inside, but it does the job.

Sunday morning, I listened to 160 and to my surprise, it sounded more like 40 in the evening. Lots of 160 contest ops out there!

The next time I get a round tuit, I'll wind a coil for 17/15 meters.

72 DE WA3PTG
Harry (Hap) Hurst
Wilmington DE

Date: Mon, 31 Jan 2000 15:06:22 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [61737] dis-oriented bugs...And Kit Building... or I don't copy cw too good...
Message-ID: <20000131.150743.-150815.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain

Content-Transfer-Encoding: 7bit

High y'all once meaux

Funny thing about kit building,,, either u kneaux how to solder well and work with the parts used or u don't make a good kit... or at least a good looking kit... takes practice and u the one who has to adapt, not the kit...

Cw an't much different... either u learn to copy what is out their or u don't do cw too well or often.... U the one what gotta make the effort.... everybody out their is happy and trying to blend in with the cw folk...

Phone is a challenge to do "correctly" however one can always slosh through with bad procedure or phonetics or whatever however... u an't gonna do that building a kit or on cw cause u gotta do it close to right for it to work... and u gotta learn to crawl before u can walk... u gotta go through the learning steps... no instant learning here.... and cw is a demanding mode to play with... u have to spend time learning, practicing... just when u think u got ur speed up u put down the code tape, U get on the air only to learn that u drop about 5 wpm trying to copy through the noise etc.... U need to adapt....

As an old boogger errrrr buger and st key op I remember how easy it was to tell who was calling cq or talking to who by listening to how they sent their cw... U could easily tell who had their bug or st key in tune (adjusted correctly) or who was in the learning stage...

It would seem there is no personlaity in perfection (machine generated cw) and machine cw does take a "little something" outta the contact... (a little less personal).

There is a history of established cw procedure, learn it and use it, and enjoy.... it's to ur qrp advantage to do this...

Joel KE1LA

In Maine

diggin outta the sneaux...

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Mon, 31 Jan 2000 15:20:16 -0600

From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>

To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>

Subject: [61738] Good CW/Bad CW

Message-ID: <0974781F4FC8D211A24600902727E806011B1DC7@saturn.rose.cc.ok.us>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

I just can't sit by and not say anything anymore!

It seems that there are alot of old timers out there that think that good CW has a personal "swing" to it. You know, not proper spacing, but something they have been doing for 100 years. I was really hoping that the FCC would start testing on ones abillity to SEND CW instead of copy it. If you have properly spaced CW to copy, then you can always increase your copying spped with practice. If you try to copy improperly spaced CW, it just isn't worth the time to mess with.

Whatever happened to pride in doing a good job? I strive to send code on a straight key that is spaced so well that you can't tell it from computer generated code. The gentlman is correct in that you have to learn to copy what is out there or have less QSO's. If the guys sending the code that sounds like something other than what Morse had in mind would learn to send properly spaced code, then maybe they would have more QSO's also. Besides, they wouldn't be putting there licenses in jeopardy for sending "coded" messages.

Properly spaced code with QRP power is much easier to copy than someones bad habit.

Hal - WB9VMY

Date: Mon, 31 Jan 2000 17:17:32 EST
From: KF4EIB@aol.com
To: qrp-l@lehigh.edu
Subject: [61739] OT : QST magazine Feb. issue ?
Message-ID: <c3.14f2ab6.25c763fc@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang,
Have I missed the Feb. issue of QST?
Usually receive the next month before now....
Anyone else ???

73,

Gordon kw4cz

Date: Mon, 31 Jan 2000 14:18:07 -0800

From: Bill Jones <kd7s@psnw.com>
To: hdeitz@ms.rose.cc.ok.us, qrp-1@lehigh.edu
Subject: [61740] Re: Good CW/Bad CW
Message-ID: <38960A1F.F6449BAE@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Harold,

Your statement, "It seems that there are allot of old timers out there that think that good CW has a personal "swing" to it" may apply to some old timers but certainly not the majority. I believe that most of us strive to send CW as perfectly as we possibly can. That is one reason why I've never put a bug on the air. I could NEVER get decent CW out of one.

I laughed when you wrote, "I was really hoping that the FCC would start testing on ones ability to SEND CW instead of copy it." When I sat before an FCC examiner at the FCC field office in Portland, Oregon taking my Extra Exam I was required to demonstrate my ability to send legible CW (at 20 WPM) using their antique J-38 hand key. If I couldn't send decent CW I didn't get a license.

What I find interesting is that had I written what you just said I would have been labeled a sour-grapes, anti-progress O.F. living in the past.

What a refreshing letter you wrote, Harold. Thank you.

--

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>

Date: Mon, 31 Jan 2000 17:16:45 -0500
From: hattonte@gdls.com
To: <qrp-1@Lehigh.EDU>
Subject: [61741] Breadboarding teeny-weeny chips...
Message-ID: <0FA98ED04D.CB061B8B-ON85256877.0075CDE4@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

We had a discussion recently about using ultra-small ICs, and how difficult / impossible it is to mount and solder them. This company (Wainwright) offers breadboarding hardware, although they have a \$100 minimum., but it

looks like it's just the thing.

<<http://www.rdi-wainwright.com/>>

Tnx for bandwidth

de Terry KI8JA

Date: Mon, 31 Jan 2000 17:22:36 -0500
From: "Morrow, Michael A." <mamorrow@tva.gov>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [61742] RE: dis-oriented bugs...
Message-ID: <A4880B68BD08D011B8580000F8014A4904A6E7DB@mshbfnois1b.cha.tva.gov>
MIME-Version: 1.0
Content-Type: text/plain

Joel wrote:

> It would seem there is no personlaity in perfection (machine
> generated
> cw) and machine cw does take a "little something" outta the contact... (a
> little less personal).

>

>

A little distinctiveness is entertaining.

However, I can see NO merit or "pride-of-the-craft" in bug/semi-auto keying that produces a dah-to-dit weighting of, say, 9 to 1. This is usually accompanied by the sending of 5 or 6 dits whenever 4 or 5 was intended. It's like trying to copy characters whose dahs are sent at 10 wpm and the dits at 30 wpm! Some of the Bug-Boys need to adjust the weight on the dit arm.

The example I just gave is NOT all that rare.

73,

Mike / KK5F

Date: Mon, 31 Jan 2000 17:27:34 -0500 (EST)
From: n2go@arrl.net
To: qrp-1@Lehigh.EDU
Subject: [61743] WTB (or trade for) QST on CD
Message-ID:
<Pine.LNX.4.20.0001311717130.2768-100000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

You see I have this plan....I am going to live forever...As of today I am right on schedule :)

The problem is that as a life member of ARRL, I am accumulating a lot of magazines...

As part of my basement cleanup I am thinking of switching to cd-rom qst mags. I hate to part with the mags as you can't take the cd/computer to the "reading room" :) They (the magazines) just take up too much room.

Does anyone on the list want to recycle their cd's for cash or trade for something? Trading is nice because that also gets stuff out the door and into someone elses basement or ham shack.

73,

Jim n2go

Date: Mon, 31 Jan 2000 14:26:26 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [61744] Re: Good CW/Bad CW
Message-ID: <Pine.GSO.4.10.10001311344030.25025-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> It seems that there are alot of old timers out there that think that good CW
> has a personal "swing" to it. You know, not proper spacing, but something
> they have been doing for 100 years.

Name one.

I have yet to see such a post.

Don't confuse a personal sound with "bad" code.

The very best analogy I've seen is to people speaking with accents.

To carry that thought through, what is being said is that "good" speech is only heard in "one" part of the country and that any place else is "bad" because they speak with an accent.

Sure sounds silly when you apply it to speech. And to those who understand the "art" of CW it sounds just as silly!

Something else that I'd just about bet on is that people who are good with bugs/cooties/handkeys could all be decoded by a computer OK and still sound "different" enough to be recognized without ever giving their call signs!

That's the "personal" sound that people are talking about. Not some kind of BAD code!

> I was really hoping that the FCC would
> start testing on ones ability to SEND CW instead of copy it.

Last I heard a sending test is up to the local VE testing session boss. (Could be different now!)

Sending to a computer and needing to have it copy OK could easily be part of the test.

But in this day and age of multi guess questions, anyone want to venture a guess where it would go? :-)

Here is something else to think about:

When you get past the point of "copying code" and get to where you are just "talking with your fingers", most of this whole issue disappears! At that point the CW has to be REALLY BAD to not come through as thoughts!

How many of you have ever been sending during a nice chat

when you realize that you have NO IDEA what the heck you are sending? You have to listen to the sidetone and see what is coming out your hand. Things like this do not indicate that you are crazy, (that might be another issue for many of us!) but rather that your fingers are really doing the talking. Your mind is flowing ideas right to your hand. No need for the conscious part of your mind to waste time thinking about it.

This is why you can copy CW and read a book at the same time. It comes in the ears and out the fingers.

Everyone should try to send "good" CW or perfect code. However you want to say it. I think we all agree on that.

Where we disagree is what we should do about those who are just learning or that just can't seem to get it "just right". How many people just can't play music because they can't feel the timing?

I feel that we should work, at least a little bit, on improving our copying skills so that we can learn to enjoy what the new ham or the fellow that just can't quite get the timing down just right, has to say.

There are also people who don't like to put out the extra effort to copy weak sig's down in the noise. How many posts have we seen that talk about how they should give it just a little more effort because they just might learn to enjoy it?

Anything sound familiar there?

: -)

Positive thought for the day:

How far behind do you copy?

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Mon, 31 Jan 2000 17:32:02 -0500
From: "Paul Helbert, Wv3j" <phelbert@rica.net>
To: Low Power Discussion Group <qrp-l@Lehigh.EDU>
Subject: [61745] Need help with DK9SQ antenna loop
Message-ID: <38960D62.15AD0760@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue,

I can't find my docs on the DK9SQ antenna I bought last year at Dayton. It is a loop to go on his 10 meter fiberglass mast. There were suggestions for using it on various bands. Some bands were to be used with the link closed and some with it open. Of immediate interest, what is the recommendation for forty meters?
How about thirty meters?

I got it mounted to the icy roof this afternoon and have the link closed. I just checked a few signals and find them to be down three to five S-units as compared to my horizontally oriented, horizontally polarized big loop. The stations I listened to were all within five hundred miles of me. What have others found?

Thanks,

Paul, Wv3j

Date: Mon, 31 Jan 2000 16:26:29 -0600
From: Richard Matthews <prm@hiwaay.net>
To: qrp-l@lehigh.edu
Subject: [61746] QRP CW
Message-ID: <3.0.1.32.20000131162629.00bca100@hiwaay.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Notice that I included QRP in the subject line so I would be considered "on topic".

I'd be the last one to claim I send good CW, not many of us do. But I will say, what I have learned through many years of being both a ham and a human being. Some folks are good at some things and some folks are good at others. Some folks have reasons their CW isn't perfect and is flawed. They might be aged, physically impaired, or just plain clumsy like me.

Just a night or so ago, I talked with a fine old ham gentleman on 40 meter CW. He gave his age as 82. We had a fine chat. Every time he sent a word with an "H" in it, I heard dididididit. He was using a hand key, I could tell, and his spacing was much better than mine, but his error in sending a "5" for an "H" didn't bother me a bit. If I had worried about his and my errors neither of us would have enjoyed our QSO and that's the only reason I do any hobby, for the fun of it. What a shame it would be to miss getting to know another fellow ham just because he is not "near perfect". What the other guy has to say is the important thing, not his skill in converting it into another language.

5ave a 5appy day and 5ope to see you on the 5am bands.

73,

Richard, WA4NWW

Date: Mon, 31 Jan 2000 17:37:46 -0500
From: Ed Kessler <edkess@epix.net>
To: qrp-1@Lehigh.EDU
Subject: [61747] Shack Cleaning
Message-ID: <38960EBA.AB06F659@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I seem to accumulate more stuff than I can "reasonably" use. These items are for sale. All prices below include shipping to CONUS.

Akigawa PM-3HV, 3.5-150 MHz, SWR/Pwr Meter
20/200/2000 watt ranges, 12V backlight capable
No manual, 9 out of 10 condx. \$80.00

Heathkit HM-102 SWR/Pwr Meter, 200/2000 watt ranges
No manual but will include calibration instructions.
Calibrated and works well, about 9 out of 10 condx.
\$40.00

Radio Shack Digital SWR/Pwr Meter, #21-527 with remote sensor.
1.8-20 MHz, 1-2000 watts, manual included
9 out of 10 condx \$40.00

Autek QF-1A SSB/CW/AM Filter, excellent condition
Photocopy of original manual included \$40.00

Radio Shack DX-390 Shortwave Receiver

Like new, in original box and packaging.
This was a demo model so a few very minor
cosmetic blemishes. BFO for CW receive.
Same as Sangean ATS-818 \$155.00

NN1G, Wilderness Radio, NW-30/40 in a Ten Tec Aluminum
Case. This radio works FB and has had all the
improvement mods. Includes manual. \$55.00

Reasonable offers will be considered.

Thanks,
Ed, AA3SJ

Date: Mon, 31 Jan 2000 14:58:39 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-1@Lehigh.EDU>
Subject: [61748] Poque Plus
Message-ID: <Pine.GS0.4.10.10001311455410.26059-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Folks,

I got my Poque Plus.

Has anyone run it from a 12 volt car battery?

The AC adaptor is 15 VDC while the internal battery that
runs it is two AA cells which means about 2.4 VDC.

Seems to me that the 13.8 volts nominal should be OK but
would like to know if there any hidden "gotchas" to worry
about!

Thanks,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Mon, 31 Jan 2000 15:40:47 -0800 (PST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [61749] Hand Generator form Maggellan's
Message-ID: <200001312340.PAA28702@netcom.com>

OK, I have more information, since I couldn't resist it, and ordered one.

It turns out to be imported by a company with a website at <http://www.aladdinpower.com>, and claims to be rated at 1.6W at 90 "pumps" per minute, and comes with a LED flashlight accessory, "Elepool" regulator and adapter to a cigarette lighter socket. The little flashlight attachment puts out a reasonable amount of light, and has some storage capability.

I will try to be at the March NorCal meeting to show it around, and maybe will take some measurements on it.

I'm a bit short of time because I decided as of three days ago to go to Clipperton Island from 1 to 8 March to operate RTTY and PSK31 on the DXpedition. I won't be operating QRP (unless it's quiet and I'm asked) in those modes, but will be watching for QRP calls. I only do digital modes, sorry. You'll have to catch the other guys for other modes.

Check <http://www.qsl.net/clipperton2000> for much interesting information.

See you at the NorCal meeting.
73, doug

Date: Mon, 31 Jan 2000 17:49:44 -0500
From: "Jade Products, Inc." <jadepro@jadeprod.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [61750] Re: MFJ - 259
Message-ID: <002101bf6c3d\$797e7a00\$a5b6f7cd@engineering>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The MFJ-259 is the perfect candidate for using Renewal (Tm) rechargeable batteries. These rechargeable alkalines have plenty of current for this

application, the unit uses eight of them, so it can be expensive throwing the disposable ones out, and they recharge fairly quickly. I've been using them in mine now for about four years, and have only had to dispose of one set so far. Believe me, mine is used almost daily. I keep a spare set in the charger so there is already a set ready to go. One of these days I am going to modify that unit so I don't have take off the cover every time I want to replace the batteries.

The external battery pack is fine at low frequencies, but tends to affect things at VHF.

72'

Dennis, K1YPP

Jade Products, Inc.

PO Box 368

East Hampstead, NH 03826-0368

Phone: 603-329-6995

FAX: 603-329-4499

Telephone hours from 16:00 EST to 22:00 EST

Date: Mon, 31 Jan 2000 16:54:11 -0700

From: Roger Hightower <n7kt@earthlink.net>

To: ku7y@dri.edu

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [61751] Re: Poque Plus

Message-ID: <389620A3.8D70EF77@earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I'm just going to use an ac-dc inverter to the ac adapter to the Poquet Plus. Should work fine that way.

--

72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591

Date: Mon, 31 Jan 2000 17:54:48 -0600

From: Michael Melland <badger@vbe.com>

To: unlisted-recipients;; (no To-header on input)

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [61752] Re: Shack Cleaning

Message-ID: <389620C8.FFB33868@vbe.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed Kessler wrote:

> Autek QF-1A SSB/CW/AM Filter, excellent condition
> Photocopy of original manual included \$40.00

Very nice filter.... I've had one for about two years. And although it is
designed to run off mains it can also be run off 12 volts.

73

--

Michael Melland, W9WIS
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656,
QRP-ARCI #9875, AK/QRP #478, NorCal,
NJ-QRP #214, Cheeseheads QRP Club
CW, SSB, and Electronics
List Administrator: grundig@qth.net
<http://www.qsl.net/w9wis>

End of QRP-L Digest 1717

